

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Charles H. VAN DUSEN et al

Art Unit: 2613

Application No: 09/616,109

Examiner:
Anand Shashikant Rao

Filed: July 14, 2000

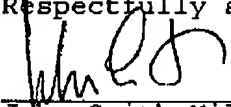
For: RATE AND DELIVERY TIME MULTIPLEXING
FOR BANDWIDTH OPTIMIZATIONTRANSMITTAL OF POWER OF ATTORNEYCOMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith is a power of attorney. Please record
007812 as the Customer Number for this application.

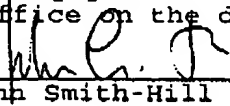
In accordance with the instructions in the power of attorney,
please direct all future correspondence to the correspondence address
associated with Customer Number 007812.

Respectfully submitted,



John Smith-Hill
Reg. No. 27,730SMITH-HILL & BEDELL, P.C.
12670 NW Barnes Road, Suite 104
Portland, Oregon 97229Tel. (503) 574-3100
Fax (503) 574-3197
Docket: TUT 2695Certificate of Facsimile Transmission

I hereby certify that this paper is being facsimile transmitted
to the Patent and Trademark Office on the date shown below.



John Smith-HillDate 11/14/03

2695

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
RECEIVED
CENTRAL FAX CENTER

In re Application of

Art Unit: 2613

NOV 14 2003

Charles H. VAN DUSEN et al

Examiner:
Anand Shashikant Rao

Application No: 09/616,109

Filed: July 14, 2000

For: RATE AND DELIVERY TIME MULTIPLEXING
FOR BANDWIDTH OPTIMIZATION**OFFICIAL**CERTIFICATE UNDER 37 CFR 3.73(b)
POWER OF ATTORNEY BY ASSIGNEE

TUT SYSTEMS INC., a Delaware corporation, certifies that it is the assignee of the entire right, title, and interest in the U.S. patent application identified above by virtue of an assignment from Charles H. Van Dusen, Mayer D. Schwartz and Guoyao Yu to TUT SYSTEMS, INC. recorded September 25, 2003 at Reel 014002, Frame 0571.

The undersigned declares that he is an officer of TUT SYSTEMS, INC. and is authorized to sign this certificate on behalf of TUT SYSTEMS, INC.; and further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, Sec. 1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

TUT SYSTEMS, INC. as Assignee of the entire right, title, and interest in and to this U.S. patent application, hereby revokes any previous Powers of Attorney and appoints the practitioners associated with Customer Number 007812 (John Smith-Hill, Reg. No. 27,730 and Daniel J. Bedell, Reg. No. 30,156) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent.

Send correspondence to the correspondence address associated with Customer Number 007812.

TUT SYSTEMS, INC.

By: Randall K. GausmanName: Randall K. GausmanTitle: CFRDate: 11/4/03

SENT BY: SH&B;

503 574 3197;

NOV-14-03 3:31PM;

PAGE 1

44
11-19-03
P.2.

Smith-Hill and Bedell, P.C.

PATENT AND TRADEMARK LAWYERS

12670 NW Barnes Rd., Suite 104
Portland, Oregon 97229
Telephone: (503) 574-3100
Facsimile: (503) 574-3197

John Smith-Hill

Daniel J. Bedell

**RECEIVED
CENTRAL FAX CENTER**

NOV 14 2003

FACSIMILE COVER SHEET

OFFICIAL

To: Anand Shashikant Rao
Art Unit 2613

From: John Smith-Hill

Firm: US PATENT AND
TRADEMARK OFFICE

Date: November 14, 2003

Fax: 1-703-872-9314

Our ref: TUT 2695

Your ref: 09/616,109

Pages: Cover + 2